Amendments to the Claims:

1. (Currently amended) A method for repairing defective pixels of a liquid crystal display panel, wherein the method comprises at least the steps of:

(a) obtaining the location of a defective pixel on the liquid crystal display;

(b) inputting a pixel signal, wherein the pixel signal ~~further~~ comprises a ~~first~~ pixel brightness signal used to control a pixel to have ~~with~~ a ~~first~~ brightness according to the pixel signal;

(c) replacing the ~~first~~ pixel brightness signal with a default brightness signal if the pixel signal is used to be inputted to the defective pixel, wherein the default brightness signal is used to control the pixel ~~with a second brightness~~ to be substantially completely dark; and

(d) outputting the pixel signal inputted to the defective pixel in step (c) to repair the defective pixel.

2. (Cancelled)

3. (Currently amended) The method according to claim 1~~2~~, wherein the default brightness signal is of ~~a~~ low voltage ~~signal~~ if the liquid crystal display panel is a vertical

alignment (VA) mode liquid crystal display panel.

4. (Currently amended) The method according to claim 12, wherein the default brightness signal is of ~~a~~ high voltage ~~signal~~ if the liquid crystal display panel is a twisted nematic (TN) mode liquid crystal display panel.

5. (Currently amended) The method according to claim 1, wherein the pixel signal further comprises a pixel location signal, which represents the location ~~corresponds to~~ of the pixel on the liquid crystal display.

6. (Original) The method according to claim 5, wherein the pixel location signal further comprises a clock signal, an enabling signal, a vertical synchronous signal and a horizontal synchronous signal.

7. (Original) The method according to claim 5, wherein by comparing the pixel location signal with the location of the defective pixel, ~~determines~~ a determination is made as to whether or not the pixel signal is used to be inputted to the defective pixel.

8. (Currently amended) A device for repairing defective pixels of a liquid crystal display, comprising at least:

a defective pixel storage unit used to output a defective pixel signal, wherein the defective pixel signal is used to represent the location of the defective pixel on the liquid crystal display;

a pixel signal storage unit used to output a pixel signal, wherein the pixel signal ~~further~~ comprises a pixel brightness signal used to control a pixel with a ~~first~~ brightness and a pixel location signal used to represent the location of a pixel on the liquid crystal display;

a location comparison unit, which, being coupled to the defective pixel signal storage unit and the pixel signal storage unit respectively, is used to compare the defective pixel signal with the pixel location signal to determine whether the pixel signal is used to be inputted to the defective pixel ~~signal~~; and

a pixel signal replacement unit coupled to the location comparison unit ~~is used to replace~~ for replacing the pixel brightness signal with a default brightness signal if the pixel signal is determined to be inputted to the defective pixel, wherein the default brightness signal is used to control the pixel to be ~~with a second brightness~~ substantially completely dark to repair the defective pixel.

9. (Cancelled).

10. (Currently amended) The device according to claim 8, wherein the default brightness signal is <u>of</u> ~~a~~ low voltage ~~signal~~ if the liquid crystal display is a VA mode liquid crystal display panel.

11. (Currently amended) The device according to claim 8, wherein the default brightness signal is <u>of</u> ~~a~~ high voltage ~~signal~~ if the liquid crystal display is a TN mode liquid crystal display panel.

12. (Original) The device according to claim 8, wherein the pixel location signal ~~further~~ comprises a clock signal, an enabling signal, a vertical synchronous signal and a horizontal synchronous signal.

13. (Original) The device according to claim 8, wherein the device for repairing defective pixels of a liquid crystal display panel is installed in a scaler.

14. (Original) The device according to claim 8, wherein part of the elements of the device for repairing defective pixels of a liquid crystal display panel is installed in a scaler.

15. (New) The method according to claim 1, further comprising the step of replacing each of the ~~first~~ pixel brightness signals corresponding to the defective pixels with the default brightness signal, if the liquid crystal display panel has a plurality of defective

pixels, so that all of the defective pixels are controlled to be of substantially completely dark.

16. (New) The device according to claim 8, further comprising the step of using the pixel signal replacement unit to replace each of the pixel brightness signals corresponding to the defective pixels with the default brightness signal so that all of the defective pixels are controlled to be substantially completely dark, if the liquid crystal display panel has a plurality of defective pixels.